C-A OPERATIONS PROCEDURES MANUAL

4.120.102.b NASA Science Research Laboratory (NSRL)
(Peer 27) Gate Tests

Attachment

C-A-OPM Procedures in which this Attachment is used.		
4.120.102		

Hand Processed Changes

HPC No.	Date	Page Nos.	Initials
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Approved:_____*Signature on File*_____   _____
Collider-Accelerator Department Chairman   Date

V. Castillo

PASS ANNUAL ACCEPTANCE TEST PROTOCOL

Division A Software Filename and Checksum: Title:_____   **Checksum: _____**

Division B Software Filename and Checksum: Title:_____   **Checksum: _____**

Initial testing complete:

Test Team Leader's Name (Print): _____   **Life Number: _____**

Test Team Leader's Name (Sign): _____   **Date: ____/____/_____**

Acceptance test procedure complete (following repairs and retesting if required):

Test Team Leader's Name (Print): _____   **Life Number:_____**

Test Team Leader's Name (Sign): _____   **Date: ____/____/_____**

Test results reviewed by:

Safety Section Head's Name (Print):_____   **Life Number: _____**

Safety Section Head's Name (Sign):_____   **Date: ____/____/_____**

Test results accepted by Radiation Safety Committee:

RSC Member's Name (Print):_____   **Life Number: _____**

RSC Member's Name (Sign):_____   **Date: ____/____/_____**

1.1   **CONDUCT**   Visual check on **Peer 27** gates following Table-1, below

Gate	Micro Switch		Elec Wiring	Gate Box	Lights	Gate Functions			Verify all x's Corr.	Inspn O.K. Init.
	Align	Opern				Open	Self-Closing	Latch		
BGE1									☐	
BGI1									☐	
BGI2									☐	
BGE2									☐	

Legend: √ = O.K.   X = Problem N/A = Not Applicable

Table 1: Summary of Physical Inspection of Peer 27 Gates

☐   **CHECK for test acceptance of Visual Check of Peer 27 gates**

1.2   **Test of ENTRY GATE at BGE1**

    ☐   **VERIFY**   **ENTRY** Gate at **BGE1** has been inspected

        PLACE   **PEER 27** in **Controlled Access (CA), Mode 16**

    ☐   **VERIFY**   **PEER 27** is in **CA**   **MODE 16**

    ☐   **VERIFY**   The warning light on the **inside** of the gate indicates:

                    CALL MCR FOR EXIT   AMBER   **ON**

    ☐   **VERIFY**   The **Exterior** gate box **Controlled Access** light is   **ON**

        OPEN   Gate **BGE1** with **Simultaneous Release (SR)** and **#20 CA Key**

    ☐   **VERIFY**   Simultaneous Release **Buzzer**   **SOUNDS**

    ☐   **VERIFY**   Simultaneous Release **Light**   **LIGHTS**

    ☐   **VERIFY**   Gate **BGE1 opens**   **AUTOMATI-CALLY**

    ☐   **VERIFY**   **Hindrance** causes Gate **BGE1** to   **FREEZE**

    ☐   **VERIFY**   With **removal** of **hindrance** Gate **BGE1 opens**   **AUTOMATI-CALLY**

    ☐   **VERIFY**   Gate **BGE1** is   **OPEN**

    ☐   **VERIFY**   MCR sees the gate is   **OPEN**

        CLOSE   The gate

    ☐   **VERIFY**   MCR sees the gate is   **CLOSED**

        RESET   The gate with **#21 Sweep/Reset (S/R)** key at the **interior** gate box

    ☐   **VERIFY**   MCR sees the gate is   **RESET**

    ☐   **VERIFY**   The **BGE1** gate box Gate **Reset** light is   <u>ON</u>

        OPEN   The gate

    ☐   **VERIFY**   MCR sees the gate is   **OPEN**

    ☐   **VERIFY**   The **BGE1** gate box Gate **Reset** light is   <u>OFF</u>

        CLOSE   The gate

        RESET   Gate from **MCR**

☐	**VERIFY**	MCR sees the gate is	**RESET**
☐	**VERIFY**	The **BGE1** gate box Gate **Reset** light is	<u>ON</u>
	CLOSE	The gate	
	FORCE	**Sweep** of Zone **NSRL-Z2** and Zone **NSRL-Z3**	
☐	**VERIFY**	MCR sees Zone **NSRL-Z2** ☐ and Zone **NSRL-Z3** ☐	**SWEPT**
	FORCE	**Reset** of Gates: **BGI1, BGE2, BGI2**	
☐	**VERIFY**	MCR sees Gates: **BGI1** ☐, **BGE2** ☐, and **BGI2** ☐	**RESET**
	PLACE	**PEER 27** in **Controlled Access (CA), Mode 18**	
☐	**VERIFY**	**PEER 27** is in **CA**	**MODE 18**
☐	**VERIFY**	Attempt to **open** gate **BGE1** with **#20 CA** key and **SR** is	**SUCCESSFUL**
	PLACE	**PEER 27** in **Controlled Access (CA), Mode 17**	
☐	**VERIFY**	**PEER 27** is in **CA**	**MODE 17**
☐	**VERIFY**	Attempt to **open** gate **BGE1** with **#20 CA** key and **SR** is	**SUCCESSFUL**
	PLACE	**PEER 27** in **CA, Mode 16**	
☐	**VERIFY**	**PEER 27** is in **CA**	**MODE 16**
	FORCE	**Sweep** of Zone **NSRL-Z2**	
☐	**VERIFY**	MCR sees Zone **NSRL-Z2** ☐ and Zone **NSRL-Z3** ☐	**SWEPT**
	FORCE	**Reset** of Gates: **BGI1, BGE2**	
☐	**VERIFY**	MCR sees Gates: **BGI1** ☐, **BGE2** ☐, and **BGI2** ☐	**RESET**
	PLACE	**PEER 27** in **Restricted Access (RA), Mode 10**	
☐	**VERIFY**	**PEER 27** is in **RA**	**MODE 10**
☐	**VERIFY**	Attempt to **open** gate **BGE1** with **#20 CA** key is	**SUCCESSFUL**
	PLACE	**PEER 27** in **Restricted Access (RA), Mode 9**	
☐	**VERIFY**	**PEER 27** is in **RA**	**MODE 9**
☐	**VERIFY**	Attempt to **open** gate **BGE1** with **#20 CA** key is	**SUCCESSFUL**
	PLACE	**PEER 27** in **CA, Mode 16**	
☐	**VERIFY**	**PEER 27** is in **CA**	**MODE 16**
	PLACE	**PEER 27** in **Restricted Access (Mode 8)**	
☐	**VERIFY**	**PEER 27** is in **Restricted Access**	**MODE 8**
☐	**VERIFY**	The **Exterior** gate box **Restricted Access** light is	<u>ON</u>
☐	**VERIFY**	The warning lights on both sides of the gate indicate:	
		<u>CALL MCR FOR EXIT</u> <u>AMBER</u>	**OFF**
☐	**VERIFY**	Attempt to **open** gate **BGE1** with **S** key is	**SUCCESSFUL**
☐	**VERIFY**	Attempt to **open** gate **BGE1** with **#20 CA** key is	**SUCCESSFUL**
☐	**VERIFY**	Attempt to **open** gate **BGE1** with **Blue Card** is	**SUCCESSFUL**
	CLOSE	Gate **BGE1**	
	PLACE	**PEER 27** in **Safe Access (Mode 2)**	

	VERIFY	PEER 27 is in Safe Access	MODE 2
	VERIFY	The Exterior gate box Controlled Access light is	<u>ON</u>
	VERIFY	The warning light on inside of the gate indicates:	
		<u>CALL MCR FOR EXIT</u>　　　AMBER	ON
	VERIFY	Attempt to open gate BGE1 with S key and SR	FAIL
	VERIFY	Attempt to open gate BGE1 with #20 CA key and SR is	SUCCESSFUL
	CLOSE	Gate BGE1	

☐　　CHECK for test acceptance of ENTRY GATE at BGE1

1.3　Test of GATE at BGI1

	VERIFY	ENTRY Gate at BGI1 has been inspected	
	PLACE	PEER 27 in Controlled Access (CA), Mode 16	
	VERIFY	PEER 27 is in CA	MODE 16
	VERIFY	The warning lights on both sides of the gate indicate:	
		<u>CALL MCR FOR EXIT</u>　　　AMBER	ON
	VERIFY	The gate box Controlled Access light is	ON
	OPEN	Gate BGI1 with Simultaneous Release (SR) and #22 CA Key	
	VERIFY	Simultaneous Release Buzzer	SOUNDS
	VERIFY	Simultaneous Release Light	LIGHTS
	VERIFY	Gate BGI1 is	OPEN
	VERIFY	MCR sees the gate is	OPEN
	SECURE	The Electric Strike micro switch	MADE
	HOLD	Both of the gate micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div A micro switch	
	VERIFY	MCR sees	DIV A ≠ DIV B
	HOLD	Both of the gate micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div B micro switch	
	VERIFY	MCR sees	DIV A ≠ DIV B
	HOLD	Both of the gate micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	The Electric Strike micro switch	
	VERIFY	MCR sees the gate is	OPEN
	CLOSE	The gate	
	VERIFY	MCR sees the gate is	CLOSED
	RESET	The gate with #23 S/R key at the NSRL-Z1 gate box	
	VERIFY	MCR sees the gate is	RESET
	VERIFY	The BGI1 gate box Gate Reset light is	<u>ON</u>
	OPEN	The gate	
	VERIFY	MCR sees the gate is	OPEN
	VERIFY	The BGI1 gate box Gate Reset light is	<u>OFF</u>
	CLOSE	The gate	

☐	**VERIFY**	MCR sees the gate is	**CLOSED**
	RESET	The gate from **MCR**	
☐	**VERIFY**	MCR sees the gate is	**RESET**
☐	**VERIFY**	The **BGI1** gate box Gate **Reset** light is	<u>ON</u>
	OPEN	The gate	
☐	**VERIFY**	MCR sees the gate is	**OPEN**
☐	**VERIFY**	The **BGI1** gate box Gate **Reset** light is	<u>OFF</u>
	CLOSE	The gate	

	FORCE	**Sweep** in Zone **NSRL-Z2** and Zone **NSRL-Z3**	
☐	**VERIFY**	**MCR** sees Zone **NSRL-Z2** ☐ and Zone **NSRL-Z3** ☐	**SWEPT**
	FORCE	**Reset** of Gates: **BGI1, BGE2, BGI2**	
☐	**VERIFY**	**MCR** sees Gates: **BGI1** ☐, **BGE2** ☐, and **BGI2** ☐	**RESET**

| | **PLACE** | **PEER 27** in **Controlled Access (CA), Mode 18** | |
| ☐ | **VERIFY** | **PEER 27** is in **CA** | **MODE 18** |

	PLACE	**PEER 27** in **Controlled Access (CA), Mode 17**	
☐	**VERIFY**	**PEER 27** is in **CA**	**MODE 17**
☐	**VERIFY**	Attempt to **open** gate **BGI1** with **#22 CA** key and **SR** is	**SUCCESSFUL**

| | **PLACE** | **PEER 27** in **CA, Mode 16** | |
| ☐ | **VERIFY** | **PEER 27** is in **CA** | **MODE 16** |

	FORCE	**Sweep** of Zone **NSRL-Z2**	
☐	**VERIFY**	**MCR** sees Zone **NSRL-Z2** ☐ and Zone **NSRL-Z3** ☐	**SWEPT**
	FORCE	**Reset** of Gates: **BGI1, BGE2**	
☐	**VERIFY**	**MCR** sees Gates: **BGI1** ☐, **BGE2** ☐, and **BGI2** ☐	**RESET**

	PLACE	**PEER 27** in **Restricted Access (RA), Mode 10**	
☐	**VERIFY**	**PEER 27** is in **RA**	**MODE 10**
☐	**VERIFY**	Attempt to **open** gate **BGI1** with **#22 CA** key	**FAIL**

	PLACE	**PEER 27** in **Restricted Access (RA), Mode 9**	
☐	**VERIFY**	**PEER 27** is in **RA**	**MODE 9**
☐	**VERIFY**	Attempt to **open** gate **BGI1** with **#22 CA** key is	**SUCCESSFUL**

| | **PLACE** | **PEER 27** in **CA, Mode 16** | |
| ☐ | **VERIFY** | **PEER 27** is in **CA** | **MODE 16** |

	PLACE	**PEER 27** in **Restricted Access (Mode 8)**	
☐	**VERIFY**	**PEER 27** is in **Restricted Access**	**MODE 8**
☐	**VERIFY**	The **NSRL-Z1** gate box **Restricted Access** light is	<u>ON</u>
☐	**VERIFY**	The warning lights on **both sides** of the gate indicate:	
		<u>CALL MCR FOR EXIT</u> <u>AMBER</u>	**OFF**

☐	**VERIFY**	Attempt to **open** gate **BGI1** with **S** key is	**SUCCESSFUL**
☐	**VERIFY**	Attempt to **open** gate **BGI1** with **#22 CA** key is	**SUCCESSFUL**
☐	**VERIFY**	Attempt to **open** gate **BGI1** with **Blue Card** is	**SUCCESSFUL**
	CLOSE	Gate **BGI1**	

| | **PLACE** | **PEER 27** in **Safe Access (Mode 2)** | |

	VERIFY	**PEER 27** is in **Safe Access**	MODE 2
☐	VERIFY	The **NSRL-Z1** gate box **Controlled Access** light is	<u>ON</u>
☐	VERIFY	The warning light on **both sides** of the gate indicates:	
		<u>CALL MCR FOR EXIT</u> AMBER	ON

☐	VERIFY	Attempt to **open** gate **BGI1** with **S** key and **SR**	FAIL
☐	VERIFY	Attempt to **open** gate **BGI1** with **#22 CA** key and **SR** is	SUCCESSFUL
	CLOSE	Gate **BGI1**	

☐   **CHECK for acceptance of test of GATE BGI1**

1.4   Test of GATE at BGI2

☐	VERIFY	**ENTRY** Gate at **BGI2** has been inspected	
	PLACE	**PEER 27** in **Controlled Access (CA), Mode 16**	
☐	VERIFY	**PEER 27** is in **CA**	MODE 16
☐	VERIFY	The warning lights on **both sides** of the gate indicate:	
		<u>CALL MCR FOR EXIT</u> AMBER	ON
☐	VERIFY	The gate box **Controlled Access** light is	ON
	OPEN	Gate **BGI2** with **Simultaneous Release (SR)** and **#24 CA Key**	
☐	VERIFY	Simultaneous Release **Buzzer**	SOUNDS
☐	VERIFY	Simultaneous Release **Light**	LIGHTS
☐	VERIFY	Gate **BGI2** is	OPEN
☐	VERIFY	MCR sees the gate is	OPEN
	SECURE	The Electric Strike micro switch	MADE
	HOLD	Both of the gate micro switches	MADE
☐	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div A micro switch	
☐	VERIFY	MCR sees	**DIV A ≠ DIV B**
	HOLD	Both of the gate micro switches	MADE
☐	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div B micro switch	
☐	VERIFY	MCR sees	**DIV A ≠ DIV B**
	HOLD	Both of the gate micro switches	MADE
☐	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	The Electric Strike micro switch	
☐	VERIFY	MCR sees the gate is	OPEN
	CLOSE	The gate	
☐	VERIFY	MCR sees the gate is	CLOSED
	RESET	The gate with **#25 S/R** key at the **NSRL-Z2** gate box	
☐	VERIFY	MCR sees the gate is	RESET
☐	VERIFY	The **BGI2** gate box Gate **Reset** light is	<u>ON</u>
	OPEN	The gate	
☐	VERIFY	MCR sees the gate is	OPEN
☐	VERIFY	The **BGI2** gate box Gate **Reset** light is	<u>OFF</u>
	CLOSE	The gate	

	VERIFY	MCR sees the gate is	**CLOSED**
	RESET	The gate	
☐	**VERIFY**	MCR sees the gate is	**RESET**
☐	**VERIFY**	The **BGI2** gate box Gate **Reset** light is	<u>ON</u>
	OPEN	The gate	
☐	**VERIFY**	MCR sees the gate is	**OPEN**
☐	**VERIFY**	The **BGI2** gate box Gate **Reset** light is	<u>OFF</u>
	CLOSE	The gate	
	FORCE	**Sweep** in Zone **NSRL-Z2** and Zone **NSRL-Z3**	
☐	**VERIFY**	**MCR** sees Zone **NSRL-Z2** ☐ and Zone **NSRL-Z3** ☐	**SWEPT**
	FORCE	**Reset** of Gates: **BGI1, BGE2, BGI2**	
☐	**VERIFY**	**MCR** sees Gates: **BGI1** ☐, **BGE2** ☐, and **BGI2** ☐	**RESET**
	PLACE	**PEER 27** in **Controlled Access (CA), Mode 18**	
☐	**VERIFY**	**PEER 27** is in **CA**	**MODE 18**
	PLACE	**PEER 27** in **Controlled Access (CA), Mode 17**	
☐	**VERIFY**	**PEER 27** is in **CA**	**MODE 17**
☐	**VERIFY**	Attempt to **open** gate **BGI2** with **#24 CA** key and **SR**	**FAIL**
	PLACE	**PEER 27** in **CA, Mode 16**	
☐	**VERIFY**	**PEER 27** is in **CA**	**MODE 16**
	FORCE	**Sweep** of Zone **NSRL-Z2**	
☐	**VERIFY**	**MCR** sees Zone **NSRL-Z2** ☐ and Zone **NSRL-Z3** ☐	**SWEPT**
	FORCE	**Reset** of Gates: **BGI1, BGE2**	
☐	**VERIFY**	**MCR** sees Gates: **BGI1** ☐, **BGE2** ☐, and **BGI2** ☐	**RESET**
	PLACE	**PEER 27** in **Restricted Access (RA), Mode 10**	
☐	**VERIFY**	**PEER 27** is in **RA**	**MODE 10**
☐	**VERIFY**	Attempt to **open** gate **BGI2** with **#24 CA** key	**FAIL**
	PLACE	**PEER 27** in **Restricted Access (RA), Mode 9**	
☐	**VERIFY**	**PEER 27** is in **RA**	**MODE 9**
☐	**VERIFY**	Attempt to **open** gate **BGI2** with **#24 CA** key	**FAIL**
	PLACE	**PEER 27** in **CA, Mode 16**	
☐	**VERIFY**	**PEER 27** is in **CA**	**MODE 16**
	PLACE	**PEER 27** in **Restricted Access (Mode 8)**	
☐	**VERIFY**	**PEER 27** is in **Restricted Access**	**MODE 8**
☐	**VERIFY**	The **NSRL-Z2** gate box **Restricted Access** light is	<u>ON</u>
☐	**VERIFY**	The warning lights on **both sides** of the gate indicate:	
		<u>CALL MCR FOR EXIT</u> **AMBER**	**OFF**
☐	**VERIFY**	Attempt to **open** gate **BGI2** with **S** key is	**SUCCESSFUL**
☐	**VERIFY**	Attempt to **open** gate **BGI2** with **#24 CA** key is	**SUCCESSFUL**
☐	**VERIFY**	Attempt to **open** gate **BGI2** with **Blue Card** is	**SUCCESSFUL**
	CLOSE	Gate **BGI2**	
	PLACE	**PEER 27** in **Safe Access (Mode 2)**	
☐	**VERIFY**	**PEER 27** is in **Safe Access**	**MODE 2**

	VERIFY	The **NSRL-Z2** gate box **Controlled Access** light is	<u>ON</u>
	VERIFY	The warning light on **both sides** of the gate indicates:	
		<u>CALL MCR FOR EXIT</u> AMBER	ON
	VERIFY	Attempt to **open** gate **BGI2** with **S** key and **SR**	FAIL
	VERIFY	Attempt to **open** gate **BGI2** with **#24 CA** key and **SR** is	SUCCESSFUL
	CLOSE	Gate **BGI2**	

| | **CHECK for acceptance of test of GATE BGI2** |

1.5   Test of ENTRY GATE at BGE2

	VERIFY	**ENTRY** Gate at **BGE2** has been inspected	
	PLACE	**PEER 27** in **Controlled Access (CA), Mode 16**	
	VERIFY	**PEER 27** is in **CA**	MODE 16
	VERIFY	The warning light on the **inside** of the gate indicates:	
		<u>CALL MCR FOR EXIT</u> AMBER	ON
	VERIFY	The **Exterior** gate box **Controlled Access** light is	ON
	OPEN	Gate **BGE2** with **Simultaneous Release (SR)** and **#22 Sweep/Reset (CA) Key**	
	VERIFY	Simultaneous Release **Buzzer**	SOUNDS
	VERIFY	Simultaneous Release **Light**	LIGHTS
	VERIFY	Gate **BGE2** is	OPEN
	VERIFY	MCR sees the gate is	OPEN
	SECURE	The Electric Strike micro switch	MADE
	HOLD	Both of the gate micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div A micro switch	
	VERIFY	MCR sees	**DIV A ≠ DIV B**
	HOLD	Both of the gate micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div B micro switch	
	VERIFY	MCR sees	**DIV A ≠ DIV B**
	HOLD	Both of the gate micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	The Electric Strike micro switch	
	VERIFY	MCR sees the gate is	OPEN
	CLOSE	The gate	
	VERIFY	MCR sees the gate is	CLOSED
	RESET	The gate with **#23 R/A** key at the **outside** gate box	
	VERIFY	MCR sees the gate is	RESET
	VERIFY	The **BGE2** gate box Gate **Reset** light is	<u>ON</u>
	OPEN	The gate	
	VERIFY	MCR sees the gate is	OPEN
	VERIFY	The **BGE2** gate box Gate **Reset** light is	<u>OFF</u>
	CLOSE	The gate	
	RESET	The gate from **MCR**	
	VERIFY	MCR sees the gate is	RESET

☐	**VERIFY**	The **BGE2** gate box Gate **Reset** light is	<u>ON</u>
	OPEN	The gate	
☐	**VERIFY**	MCR sees the gate is	**OPEN**
☐	**VERIFY**	The **BGE2** gate box Gate **Reset** light is	<u>OFF</u>
	CLOSE	The gate	
	FORCE	**Sweep** of Zone **NSRL-Z2** and Zone **NSRL-Z3**	
☐	**VERIFY**	**MCR** sees Zone **NSRL-Z2** ☐ and Zone **NSRL-Z3** ☐	**SWEPT**
	FORCE	**Reset** of Gates: BGI1, BGE2, BGI2	
☐	**VERIFY**	**MCR** sees Gates: **BGI1** ☐, **BGE2** ☐, and **BGI2** ☐	**RESET**
	PLACE	**PEER 27** in **Controlled Access (CA), Mode 18**	
☐	**VERIFY**	**PEER 27** is in **CA**	**MODE 18**
☐	**VERIFY**	Attempt to **open** gate **BGE2** with **#22 CA** key and **SR**	**FAIL**
	PLACE	**PEER 27** in **Controlled Access (CA), Mode 17**	
☐	**VERIFY**	**PEER 27** is in **CA**	**MODE 17**
☐	**VERIFY**	Attempt to **open** gate **BGE2** with **#22 CA** key and **SR** is	**SUCCESSFUL**
	PLACE	**PEER 27** in **CA, Mode 16**	
☐	**VERIFY**	**PEER 27** is in **CA**	**MODE 16**
	FORCE	**Sweep** of Zone **NSRL-Z2**	
☐	**VERIFY**	**MCR** sees Zone **NSRL-Z2** ☐ and Zone **NSRL-Z3** ☐	**SWEPT**
	FORCE	**Reset** of Gates: BGI1, BGE2	
☐	**VERIFY**	**MCR** sees Gates: **BGI1** ☐, **BGE2** ☐, and **BGI2** ☐	**RESET**
	PLACE	**PEER 27** in **Restricted Access (RA), Mode 10**	
☐	**VERIFY**	**PEER 27** is in **RA**	**MODE 10**
☐	**VERIFY**	Attempt to **open** gate **BGE2** with **#22 CA** key	**FAIL**
	PLACE	**PEER 27** in **Restricted Access (RA), Mode 9**	
☐	**VERIFY**	**PEER 27** is in **RA**	**MODE 9**
☐	**VERIFY**	Attempt to **open** gate **BGE2** with **#22 CA** key is	**SUCCESSFUL**
	PLACE	**PEER 27** in **CA, Mode 16**	
☐	**VERIFY**	**PEER 27** is in **CA**	**MODE 16**
	PLACE	**PEER 27** in **Restricted Access (Mode 8)**	
☐	**VERIFY**	**PEER 27** is in **Restricted Access**	**MODE 8**
☐	**VERIFY**	The **Exterior** gate box **Restricted Access** light is	<u>ON</u>
☐	**VERIFY**	The warning lights on both sides of the gate indicate:	
		<u>CALL MCR FOR EXIT</u> <u>AMBER</u>	**OFF**
☐	**VERIFY**	Attempt to **open** gate **BGE2** with **S** key is	**SUCCESSFUL**
☐	**VERIFY**	Attempt to **open** gate **BGE2** with **#22 CA** key is	**SUCCESSFUL**
☐	**VERIFY**	Attempt to **open** gate **BGE2** with **Blue Card** is	**SUCCESSFUL**
	CLOSE	Gate **BGE2**	
	PLACE	**PEER 27** in **Safe Access (Mode 2)**	

☐	**VERIFY**	**PEER 27** is in **Safe Access**	**MODE 2**
☐	**VERIFY**	The **Exterior** gate box **Controlled Access** light is	<u>ON</u>
☐	**VERIFY**	The warning light on **inside** of the gate indicates:	
		<u>CALL MCR FOR EXIT</u> <u>AMBER</u>	**ON**
☐	**VERIFY**	Attempt to **open** gate **BGE2** with **S** key and **SR**	**FAIL**
☐	**VERIFY**	Attempt to **open** gate **BGE2** with **#22 CA** key and **SR** is	**SUCCESSFUL**
	CLOSE	Gate **BGE2**	

☐   **CHECK** for test acceptance of **ENTRY GATE** at **BGE2**

1.6   Test of Iris Scanner and Local Keytree at GATE BGE1

☐	**VERIFY**	**ENTRY** Gate at **BGE1** has been inspected	
	PLACE	**PEER 27** in **CA, Mode 16**	
☐	**VERIFY**	**PEER 27** is in **CA**	**MODE 16**
	SCAN	<u>Valid</u> Personnel with <u>**Iris Scanner**</u> at gate <u>**BGE1**</u>	
☐	**VERIFY**	**Valid** Personnel is	**RECOGNIZED**
☐	**VERIFY**	**First NSRL** key in **Local** keytree at gate **BGE1** is	**RELEASED**
☐	**VERIFY**	**Attempt** to enter **BGE1** with **NSRL** key and **SR** is	**SUCCESSFUL**
	SCAN	<u>Valid</u> Personnel with <u>**Iris Scanner**</u> at gate <u>**BGE1**</u>	
☐	**VERIFY**	**Valid** Personnel is	**RECOGNIZED**
☐	**VERIFY**	**Attempt** to **release third NSRL** key in **Local** keytree at gate **BGE1** is	**UNSUCCESSFUL**
	SCAN	<u>Valid</u> Personnel with <u>**Iris Scanner**</u> at gate <u>**BGE1**</u>	
☐	**VERIFY**	**Valid** Personnel is	**RECOGNIZED**
☐	**VERIFY**	**Attempt** to **release second NSRL** key in **Local** keytree at gate **BGE1** is	**SUCCESSFUL**
☐	**VERIFY**	**Attempt** to enter **BGE1** with **second NSRL** key and **SR** is	**SUCCESSFUL**
	REPLACE	**First** and **second NSRL** keys in **local** keytree at gate **BGE1**	
☐	**VERIFY**	<u>First NSRL key ☐ and Second NSRL key ☐</u>	**REPLACED**
	FORCE	**Sweep** of Zone **NSRL-Z2** and Zone **NSRL-Z3**	
☐	**VERIFY**	**MCR** sees Zone **NSRL-Z2** ☐ and Zone **NSRL-Z3** ☐	**SWEPT**
	FORCE	**Reset** of Gates: **BGI1, BGE1, BGI2**	
☐	**VERIFY**	**MCR** sees Gates: **BGI1** ☐, **BGE1** ☐, and **BGI2** ☐	**RESET**
	PLACE	**PEER 27** in **Controlled Access (CA), Mode 18**	
☐	**VERIFY**	**PEER 27** is in **CA**	**MODE 18**
	SCAN	<u>Valid</u> Personnel with <u>**Iris Scanner**</u> at gate <u>**BGE1**</u>	
☐	**VERIFY**	**Valid** Personnel is	**RECOGNIZED**

☐	**VERIFY**	**First NSRL** key in **Local** keytree at gate **BGE1** is	**RELEASED**
☐	**VERIFY**	**Attempt** to enter **BGE1** with **First NSRL** key and **SR** is	**SUCCESSFUL**
	PLACE	**PEER 27** in **Controlled Access (CA), Mode 17**	
☐	**VERIFY**	**PEER 27** is in **CA**	**MODE 17**
	SCAN	<u>Valid</u> Personnel with <u>Iris Scanner</u> at gate <u>**BGE1**</u>	
☐	**VERIFY**	**Valid** Personnel is	**RECOGNIZED**
☐	**VERIFY**	**Second NSRL** key in **Local** keytree at gate **BGE1** is	**RELEASED**
☐	**VERIFY**	**Attempt** to enter **BGE1** with **Second NSRL** key and **SR** is	**SUCCESSFUL**
	REPLACE	**First** and **second NSRL** keys in **local** keytree at gate **BGE1**	
☐	**VERIFY**	<u>First NSRL key ☐</u> and <u>Second NSRL key ☐</u>	**REPLACED**
	PLACE	**PEER 27** in **CA, Mode 16**	
☐	**VERIFY**	**PEER 27** is in **CA**	**MODE 16**
	PLACE	**PEER 27** in **Restricted Access (Mode 8)**	
☐	**VERIFY**	**PEER 27** is in **Restricted Access**	**MODE 8**

☐ **CHECK for acceptance of test of Iris Scanner and Local Keytree at GATE BGE1**

END OF TEST PROCEDURE

TTL: Sign for completion of initial testing: _____

Date: _____/_____/_____

TTL: Sign for completion of final testing: _____

Date: _____/_____/_____